

Work Order ID 70218



Page 1

Tuesday, May 31, 2011 1:44:56 PM

Item ID: D3297-1-0098

Accept



Setup Start



Revision ID:

Stop



Item Name: HOSE ASS'Y

Start Date: 5/31/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 6/8/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

CL

Date: 11/05/31

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3297

Rev D

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Create D2729-1 label and include with W/O

Issue P/O: 14218

Hose Assembly as per Dwg D3297

Possible Supplier: API

Material release note is required

CL 11/05/31 (4)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

Ref/6/6 (4)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 70218

Tuesday, May 31, 2011 1:44:56 PM



Page 2

Item ID: D3297-1-0098

Accept



Setup Start



Revision ID:

Stop



Item Name: HOSE ASS'Y

Start Date: 5/31/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 6/8/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00							
130 Small Fab Small Fab	Small Fab Memo Install D2729-1 as per Dwg D3297 using D2182-045 Heat Shrink Batch: <u>D21864</u>	0.00 0.00							
140 Packaging Packaging	Identify as per dwg & Stock Location: <u>197</u> Memo	0.00 0.00							

E 54/06/02 (4)

11/07 SP (4)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 70218

Tuesday, May 31, 2011 1:44:56 PM

Page 3

Item ID: D3297-1-0098

Accept

Setup Start

Revision ID:

Stop

Item Name: HOSE ASS'Y

Start Date: 5/31/2011 Start Qty: 4.00

Cust Item ID:

Required Date: 6/8/2011 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

150

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/6/13 [Signature]
MF
11-06-70

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, May 31, 2011 1:44:53 PM

Page 1

Work Order ID: 70218

Parent Item: D3297-1-0098

Parent Item Name: HOSE ASS'Y



Start Date: 5/31/2011

Required Date: 6/8/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B04.11.09 Added Step 5 KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156001-6D0096 		Purchased	No			110	Each	0.0000	1	4			
HOSE ASS'Y D2182-045 		Manufactured	No			130	Each	0.0000	1	4			
Heat Shrink 4.5" Long D2729-1 		Manufactured	No			130	Each	0.0000	1	4			
Dart Logo label													

Handwritten signatures and dates:
12/1/06
5/11/06/09
5/11/06/09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

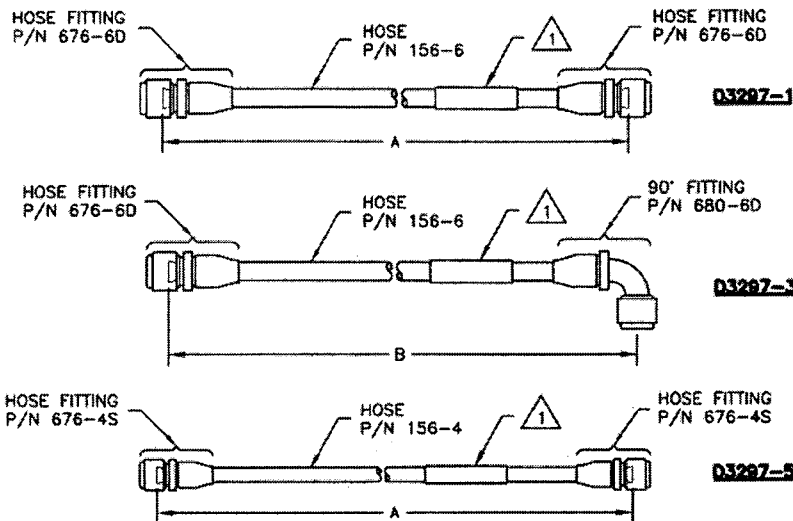
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3297	REV. D SHEET 1 OF 1
DATE 05.01.21	TITLE HOSE ASSEMBLIES		SCALE NTS
A	04.07.06	NEW ISSUE	
B	04.11.01	STRATOFLEX P/N WAS AEROQUIP P/N	
C	04.11.18	T50 CORRECTED TO TSO	
D	05.01.21	CORRECT STRATOFLEX P/N	

RELEASED
05.01.21



05.01.21/05/31
010.70218

HOSE SPECIFICATION				
DART P/N	STRATOFLEX P/N	VENDOR	A	B
D3297-1-0098	156001-6D0098	API	9.75	
D3297-1-0130	156001-6D0130	API	13.00	
D3297-1-0121	156001-6D0121	API	12.13	
D3297-3-0085	156005-6D0085	API		8.50
D3297-3-0210	156005-6D0210	API		21.00
D3297-3-0350	156005-6D0350	API		35.00
D3297-5-0410	156001-4S0410	API	41.00	

D3297-1-XXXX HOSE ASSEMBLY } WHERE XXXX REPRESENTS
D3297-3-XXXX HOSE ASSEMBLY } HOSE LENGTH IN TENTHS OF INCH
D3297-5-XXXX HOSE ASSEMBLY }

EG: 12.125" LONG: D3297-1-0121
41.00" LONG: D3297-5-0410
8.50" LONG: D3297-3-0085

NOTES:

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO14218

Purchase Order Date 5/31/2011

PO Print Date 5/31/2011

Page Number 1 of 1

Order From :

VC-AER002

AEROSPACE PRODUCTS INTERNATIONAL
P.O. BOX 223, STATION M
CALGARY, AB T2P 2H6
CA

Contact Name

Vendor Phone

800 214 7404

Vendor Fax

800 214 8875

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA



Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	156001-6D0096	HOSE ASS'Y	6/6/2011 Yes	4.00 Each	FedEx PI collect	\$61.6400	\$246.56
Special Inst:			AS PER DWG D3297 REV. D B70218				
2	156005-6D0085	HOSE ASS'Y	6/6/2011 Yes	4.00 Each	FedEx PI collect	\$101.7500	\$407.00
Special Inst:			AS PER DWG D3297 REV.D B70219				
3	156005-6D0210	HOSE ASS'Y	6/6/2011 Yes	4.00 Each	FedEx PI collect	\$117.1700	\$468.68
Special Inst:			AS PER DWG D3297 REV. D B70220				

PO Total:

\$1,122.24

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr:

1

Change Date: 5/31/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



API
2461 46th Ave.
LACHINE QC H8T 3C9
CANADA

Page 1 of 1
06/03/2011 14:27:23

Pack List



Shipping Address

DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

Forwarding Agent's Address

Shipping Instructions

Detailed Shipping Instructions at the
end of the document

Packing Instructions

Detailed Packing Instructions at the
end of the document

Information

Document Number	80890490
Document Date	06/03/2011
Purchase Order No.	PO14218
Purchase Order Date	06/02/2011
Sales Order Number	791802
Sales Order Date	06/02/2011
Customer Number	6100481
Shipping Conditions	FXPri 1D (Intl 1-3D)
Incoterms	
Cust Ship Acct	
Delivery Date	06/06/2011
Bill of Lading	
Total Volume	0.012 IN3
Carrier	PUROLATOR COURIER

Item	Material	Material Description	Quantity	Weight	Batch Num
10	156001-6D-0096	156-6 HOSE ASSEMBLY	Sub 6/07 4 EA	0 LB	
	Batches				
	0001900892 (PO:4500150337)				
20	156005-6D-0085	156-6 HOSE ASSEMBLY	4 EA	0 LB	
	Batches				
	0001900893 (PO:4500150337)				
30	156005-6D-0210	156-6 HOSE ASSEMBLY	4 EA	0 LB	
	Batches				
	0001900895 (PO:4500150337)				

Shipping and Packing Instructions

** CERTIFICATE OF CONFORMANCE **

I hereby certify that the aircraft parts described hereon were acquired from a source of supply that is consistent with the conditions under which Transport Canada distributor approval number 77-98 has been granted.

Authorized Signature

Rw





Date 06/02/2011

For API